



SEQUENCE LISTING

<110> JAEGER, STEPHAN

<120> A METHOD FOR THE DETERMINATION OF A NUCLEIC ACID USING A CONTROL

<130> 1803-335-999

<140> 10/087,631

<141> 2002-03-01

<160> 17

<170> PatentIn version 3.1

<210> 1

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Artificial sequence to exemplify principle

<400> 1
agcgcatgcc agattactgg c

21

<210> 2

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Artificial sequence to exemplify principle

<400> 2

tcgcgtacgg tctaatagacc g

21

<210> 3

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST650 HCV specific probe sequence

<400> 3

cggtgtactc accgttcg cagaccacta tggc

33

<210> 4

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Sequence ST2535 probe sequence

<400> 4

tggactcagt ccttggtca tctcaccttc t

30

<210> 5

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST650pc probe sequence (parallel-complementary to ST650)

<400> 5

gccacatgag tggcaaggc gtctggtgat accg

33

<210> 6

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: sequence ST280 HCV-specific primer sequence

<400> 6
gcagaaagcg tctagccatg gcgtta

26

<210> 7

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST778 HCV-specific primer sequence

<400> 7
gcaagcaccc tatcaggcag taccacaa

28

<210> 8

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST280pc primer parallel complement to ST280

<400> 8
cgtctttcgc agatcggtag ctcaat

26

<210> 9

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST778pc primer parallel-complement to ST778

<400> 9
cgttcgtggg atagtccgta atggtgtt

28

<210> 10

<211> 241

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA sequence derived by amplification of HCV type 1 using primers ST280 and ST778

<400> 10

gcagaaagcg tctagccatg gcgttagtat gagtgtcgtg cagcctccag gacccccct 60

ccccgggagag ccatagtggc ctgcggaacc ggtgagtaca ccggaattgc caggacgacc 120

gggtcctttc ttggatcaac ccgctcaatg cctggagatt tgggcgtgcc cccgcgagac 180

tgctagccga gtagtggtgg gtcgcgaaag gccttggtg actgcctgat aggggtgctg 240

c 241

<210> 11

<211> 943

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: QS (pc) HCV being parallel-complement to according region of HCV type 1 genome

<400> 11

agatctccgc tgtgaggtgg tatctagtga ggggacactc cttgatgaca gaagtgcgtc 60

tttcgcagat cggtagcgca atcatactca cagcacgtcg gaggtcctgg gggggagggc 120

cctctcggtg taaccagacg ccttgccac tcatgtggcc ttaacggtcc tgctggccca 180

ggaaagaacc tagttgggag agttacggac ctctaaaccc gcacgggggc gctctgacga 240

tgggtcctac acaaccacgc gctttccgga acaccatgac ggactatccc acgaacgctc 300

acggggccct ccagagcatc tggcacgtgg tactcgtgct taggatttgg agtttctttt 360

tggtttgcat tgtggttggc ggcaggtgtc ctgcagttca agggcccgc accagtctag 420

caaccacctc aaatggacaa cggcgcgtcc cgggggtcca acccacacgc gcgcgagtcc 480

ttctgaaggc tcgccagcgt tggagcacct tccgctgttg gataggggtt ccgagcggct 540

gggtccccgt cccggacccg agtcggggcc atgggaaccg gggagatacc gttactcccc 600

tacccacccc gtcctaccga ggacagtggg gcaccaagag ccggatcaac cccggggagt 660

ctgggggccc	catccagcgc	attaaaccca	ttccagtagc	tatgggaatg	tacgccgaag	720
cggctggagt	accccatgta	aggcgagcag	ccgcggggag	atcccccgcg	gcgggtcccgg	780
gaccgcgtac	cgcaggccca	agacctcctg	ccgcacttga	tacgttgtcc	cttaaacggg	840
ccaacgagaa	agagatagaa	ggagaaccca	aacgacagaa	caaactggta	gggtcgaagg	900
cgaatacttc	acgcgtaaac	atgaggatta	cccatgtaag	ctt		943

<210> 12

<211> 241

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Amplicon derived from QS (pc)HCV using the primers ST280pc and ST778pc

<400> 12	cgtcttttcgc	agatcggtac	cgcaatcata	ctcacagcac	gtcggaggtc	ctggggggga	60
	gggcccctctc	ggtatcacca	gacgccttgg	ccactcatgt	ggccttaacg	gtcctgctgg	120
	cccaggaaag	aacctagtgt	ggcgagttae	ggacctctaa	acccgcacgg	gggcgctctg	180
	acgatcggct	catcacaacc	cagcgctttc	cggaacacca	tgacggacta	tcccacgaac	240
	g						241

<210> 13

<211> 241

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: Amplicon sequence derived from QS HCV (HCV amplification control having binding sites for ST280, ST778, and ST2535) using primers ST280 and ST778

<400> 13	gcagaaagcg	tctagccatg	gcgttagtat	agtggcgtga	gagcagccct	tgcttcgccc	60
	accgcgcgtc	tagaagggtg	gatgaccaga	ggactgagtc	caatgcatgc	tggctccgag	120
	atgctccgca	aacttgccgt	caacgtgact	gcgtacggcg	ggcgtgcccg	cctggctgtg	180
	tatgagctgg	tgaccgtgat	ctggctggag	gccttggtgt	actgcctgat	aggggtgcttg	240
	c						241

<210> 14

<211> 375

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ICSJ620 HCV (HCV specific amplification control having a binding site for ST280 and ST778 and an internal region being parallel-complement to HCV)

<400> 14

```
agatctcggg cgggggacta cccccgctgt gaggtggtac ttagtgaggg gacactcctt      60
gatgacagaa gtggcagaaa gcgtctagcc atggcgttac atactcacag cacgtcggag      120
gtcctggggg ggagggccct ctcggtatca ccagacgcct tggccactca tgtggcctta      180
acggtcctgc tggcccagga aagaacctag tttgggagag ttacggacct ctaaaccgcg      240
acggggggcg tctgacgac ggctcatcac aaccagcgcg tttccggttg tggactgcc      300
tgataggggtg cttgcctcga ggggcctcc agagcatctg gcacgtggaa acatgaggat      360
taccatgta agctt                                     375
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<210> 15

<211> 242

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of artificial sequence: Amplicon derived from ICSJ620 HCV (HCV-specific amplification control) using ST280 and ST778 as primers

<400> 15

```
gcagaaagcg tctagccatg gcgttacata ctcacagcac gtcggagggtc ctggggggga      60
gggcctctc ggtatcacca gacgccttgg cactcatgt ggccttaacg gtcctgctgg      120
cccaggaaag aacctagttt gggcgagtta cggacctcta aaccgcacg ggggcgctct      180
gacgatcggc tcatacaaac ccagcgcttt ccggttggtg tactgcctga tagggtgctt      240
gc                                     242
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<210> 16

<211> 46

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: NTQ21-46-A aptamer sequence

<400> 16

cgatcatctc agaacattct tagcgttttg ttcttggtga tgatcg

46

<210> 17

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Sequence to exemplify principle

<400> 17

cggtcattag accgtacgcg a

21